Ontario

Ministry of Northern Development and Mines

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

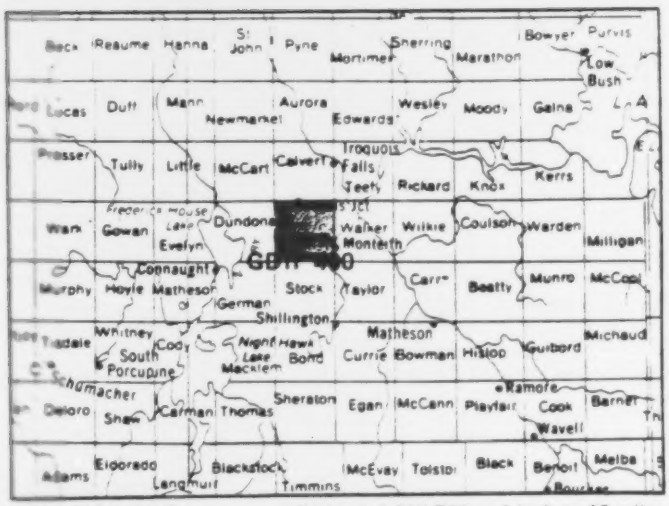
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 400

CLERGUE TOWNSHIP

DISTRICT OF COCHRANE

Compiled by the Staff of
the Resident Geologist's Office
Kirkland Lake



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

88-02258/

NTS Number 42A/10

Mining Claim Map Number

This project is part of Operation Black River-Matheson (BRIM) which was funded equally by the Ontario Ministry of Northern Development and Mines and the Ontario Ministry of Natural Resources.

STATEMENT This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1987: Clergue Township, District of Cochrane; Ontario Geological Survey, Geological Data Inventory Folio 400 compiled by the staff of the Resident Geologist's Office, Kirkland Lake, 44 p. and 3 maps.

Original Compilation by: Mike Woods, Uttam Kalicharran and P. Savarie
June 30, 1987

Date	Page Revised	Revised by

Date	Page Revised	Revised by

CLERGUE TOWNSHIP

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ACCOMPANYING MAPS

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Exploration Data Map 1

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	M.W.
2	Assessment Files Research Office, Toronto	NO	M.W.
3	ODM General Index, 9 volumes	YES	D.M.
4	Catalogue of Airborne Geophysical Surveys (ODM)	-	-
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	NO	M.W.
6	ODM Industrial Mineral Reports	NO	M.W.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	NO	M.W.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	NO	M.W.
9	Newspaper Clippings File	NO	M.W.
10	GSC Index to Publications	YES	M.W.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	M.W.
12	OGS Index Maps	YES	M.W.
13	Source Mineral Deposit Records (O.G.S.)	YES	M.W.
14	Author - Subject Articles File	YES	M.W.
15	Miscellaneous Papers: ODM & OGS	YES	M.W.
16	ODM Geological Circulars OGS Study Series	NO	M.W.
17	ODM Preliminary Reports ODM Bulletins	YES	M.W.
18	ODM - OGS Open File Reports	YES	M.W.
19	OGS Northern Ontario Engineering Geology Terrain Studies	NO	M.W.
20	OGS Aggregate Resources Inventory Papers	NO	M.W.
21	OGS Mineral Potential Maps	YES	M.W.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . Anhydrite
- △ ank. . . . . Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . Apatite
- △ arg . . . . . Argentite
- △ As . . . . . Arsenic
- △ asp . . . . . Arsenopyrite
- ▲ asb . . . . . Asbestos
- △ ba. . . . . Barite
- △ be. . . . . Beryl
- △ Bi. . . . . Bismuth
- △ bn . . . . . Bornite
- △ bran . . . . . Brannerite
- △ bruc . . . . . Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . Carbonate
- △ cel . . . . . Celestite
- △ cc. . . . . Chalcocite
- △ cp. . . . . Chalcopyrite
- △ ch. . . . . Chert
- △ clay . . . . . Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . Columbite
- ▲ Cu . . . . . Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . Feldspar
- △ fl . . . . . Fluorite (fluorspar)
- △ fu. . . . . Fuchsite
- △ gn. . . . . Galena
- △ gt. . . . . Garnet
- △ goe . . . . . Goethite
- ▲ Au . . . . . Gold
- △ gf. . . . . Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . Marl
- △ mi . . . . . Mica
- △ ml . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . Niccolite
- ▲ Ni. . . . . Nickel
- △ Nb . . . . . Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . Platinum
- △ py . . . . . Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . Pyrolusite
- △ po . . . . . Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . . Quartz carbonate vein
- △ ra. . . . . Radioactive minerals
- △ RE . . . . . Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . Sphalerite
- △ spd . . . . . Spodumene
- △ staur . . . . . Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . Stone
- △ talc. . . . . Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . Thorite
- △ Th . . . . . Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . Uranium
- △ verm . . . . . Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . Zinc
- △ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

CLERGUE TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	International Nickel Co. of Canada Ltd.	Cu		Resident Geologist Assessment Files Timmins #T-493	DDH #40640-0 (47)* 0.8% Cu over 2 ft.
B_1	Montclerg Mines Ltd.	Au	C 0094	Resident Geologist Assessment Files Timmins #T-248	DDH #CSM-1-86 (54) 0.041oz/T Au over 152 ft.
B_1		Au		NMI File 42A/10 Au 3 AFRO 1976, #63.3380 OGS 1971,MRC 13,p.51	DDH #CSM-2-86 (55) 0.011oz/T Au over 4 ft.
B_2		Au		AFRO 1942, Clergue Tp. DHR 22 OFR 5467	DDH #CSM-3-86 (56) 0.20oz/T Au over 4 ft.
B_3		Au			DDH #1 (57) 0.10oz/T Au over 9.5 ft.
B_4		Au			DDH #6 (59) 28.15oz/T Au over 2 ft. .577oz/T Au over 15 ft.
B_5		Au			DDH #8 (61) 0.257oz/T Au over 6 ft.
B_5		Au			DDH #9 (62) 0.11oz/T Au over 7 ft.
B_6		Au			DDH #10 (63) 0.08oz/T Au over 2 ft.

*Number in brackets from Drillhole Summary sheets (pages 10-17)

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
B_6	Montclerg Mines Ltd.	Au	C 0094	Resident Geologist Assessment Files Timmins #T-248 NMI File 42A/10 Au 3 AFRO 1976, #63.3380 OGS 1971,MRC 13,p.51 AFRO 1942, Clergue Tp. DHR 22 OFR 5467	DDH #11 (64) 0.10oz/T Au over 2.5 ft. DDH #12 (65) 0.08oz/T Au over 2.5 ft. DDH #14 (67) 0.194oz/T Au over 25 ft. DDH #16 (68) 0.08oz/T Au over 32 ft. DDH #17 (69) 0.066oz/T Au over 28 ft. DDH #18 (70) 0.094oz/T Au over 126 ft. DDH #19 (71) 0.45oz/T Au over 9 ft DDH #21 (73) 0.157oz/T Au over 18 ft. DDH #26 (76) 0.21oz/T Au over 1 ft. DDH #36 (85) 0.50oz/T Au over 2.5 ft.
B_6		Au			
B_3		Au			
B_3		Au			
B_3		Au			
B_7		Au			
B_7		Au			
B_7		Au			
B_5		Au			
B_8		Au			

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
B	Montclerg Mines Ltd. cont'd	Au	C 0094	Resident Geologist Assessment Files Timmins #T-248 NMI File 42A/10 Au 3 AFRO 1976, #63.3380 OGS 1971,MRC 13,p.51 AFRO 1942, Clergue Tp. DHR 22 OFR 5467	"1938: Showing exposed by a landslide, sampling, some drilling. 1939-42: 45 drill holes 27,783 feet total length mainly by Newmont Mining Corporation of Canada Ltd. and Anglo-Huronian Ltd. 1942: One drill hole 776 feet by Howey Gold Mines Ltd. 1942: Magnetic survey of large area. 1964-65: Several drill holes by L. Torrance."
C	Scott Occurrence	Ni	C 0124	AFRO 1972, Clergue Tp. DHR 17	
D	Gulf Occurrence	asb	C 0123	AFRO 1952,Clergue Tp. DHR 12,13,14 ODM, IMR 36,1971, p.27	Geological & geophysical survey, 1951; diamond drilling 1952; 2 holes 1,819 feet; claims abandoned.

GDIF FORM NO. 1

CLERGUE TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TIMMINS	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Alexo Mines Limited (T-345)	57			09 39 43							53 57	53 57							
2	Alexo Extension Mines Ltd. (T-813)								64	64										
3	Amax Exploration Inc. (T-691)											69	69							
4	Amax Exploration Inc. (T-1213)				70							69	69							
5	Amax Exploration Inc. (T-1282)	73										69 70 73								
6	Amax Minerals Exploration (T-2356)	81																		
7	Angela Development Ltd. (T-2744)								86	86										
8	Avro Salo (T-2759)								86	86		86								
9	Asarco Exploration Company (T-1547)												72 73							

xx - Date unknown

GDI® FORM NO. 2

CLERGUE TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TIMMINS		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
10	Bird & Bourke Property (T-150)	72																		
11	Carlson, H.D. Property (T-1644)											74	75							
12	Dalhousie Oil Co. Ltd. (T-1970)				80															
13	Dominion Gulf Co. (T-337)	49 50 51			49 50 51 52							49 50 51	51			49	49			
14	Errington-Hogarth-Quinn (T-2693)							38												
15	Falconbridge Nickel Mines Ltd. (T-28)				73							72 62	72 62							
16	Falconbridge Nickel Mines Ltd. (T-417)											70	70							
17	Falconbridge Nickel Mines Ltd. (T-516)		72		72							70	70		72					
18	Grandora Exploration Ltd. (T-1407)											68 69	69 69							

xx - Date unknown

GDIF FORM NO. 2

7

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TIMMINS		GEOLOGICAL	GEOCHEMICAL	TRENCHING STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
19	Hollinger Consolidated Gold Mines Ltd. (T-644)	57			57								56							
20	Ingex Holding & Development Ltd. (T-2537)												81							
21	International Nickel Co. of Canada Ltd. (T-493)				72 71							71								
22	Kidd Creek Mines (T-2989)	86										85	85							
23	Lac Minerals Ltd. (T-3003)				85							85								
24	McKinnon, D. (T-2399)											85	85							
25	Montclerg Mines Ltd. (T-248)				86 39 41			80				42								
26	Mullette-Bell Claims (T-1648)											74	74							
27	Noranda Exploration Co. Ltd. (T-1679)											75 74								
28	Selco Exploration Ltd. (T-13)				60															

GDIF FORM NO. 2

xx - Date unknown

CLERGUE TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TIMMINS COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
29	Surveymin Ltd. (T-2330)	82			83							79 80	79 80							
30	W. David Weston Property (T-1441)				68															

xx - Date unknown

6

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	Alexo Mines Ltd.	2065	9/39	SSE	-80°	153'	254'	serp,mag	-
2	" "	16	5/09	-	-60°	35'	65'	serp	
3	" "	18	6/09	-	-90°	12'	246'	serp	-
4	" "	20	6/09	SSE	-58°	58'	152'	serp	-
5	" "	22	6/09	SSE	-50°	72'	122'	serp	-
6	" "	23†	6/09	NNW	-45°	45'	54'	serp	-
7	" "	24	6/09	SSE	-45°	45'	49'	-	-
8	" "	26	6/09	-	-90°	44'	60'	serp	-
9	" "	28*	6/09	SSE	-45°	53'	62'	-	-
10	" "	5	xx	-	-	3'	58'	asb	-
11	" "	6	xx	-	-	5'	75'	asb,po	-
12	" "	7	xx	-	-	0'	50'	po	-
13	" "	8	xx	-	-	5'	25'	po	-
14	" "	9	xx	-	-	4'	65'	po	-
15	" "	10	xx	-	-	4'	30'	-	-
16	" "	11	xx	-	-	2'	50'	po	-
17	" "	12†	xx	-	-	4'	50'	po,asb	-

GDIF FORM NO. 3

? - Location unknown

** - No drill logs

* - Length of overburden down drill hole

† - Core stored at Timmins Core Storage Library

xx - no date

†† - From till heavy mineral concentrates

CLERICY TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
18	Alexo Mines Ltd.	13	xx	-	-	0'	36'	-	-
19	" "	14	xx	-	-	3'	50'	serp	-
20	" "	15	xx	-	-	4'	48'	po	-
21	" "	16	xx	-	-	4'	25'	po,cp	-
22	" "	17	xx	-	-	0'	50'	-	-
23	" "	20	xx	-	-	0'	50'	-	-
24	" "	21	xx	-	-	0'	52'	asb	-
25	" "	22	xx	-	-	0'	28'	py,po	-
26	" "	23	xx	-	-	0'	27'	serp,po	-
27	" "	24	xx	-	-	0'	73'	po,asb	-
28	" "	3	9/54	180°	-50°	230'	500'	asb	-
29	" "	2†	1954	135°	-50°	232'	257'	serp,asb	-
30	" "	15	5/58	135°	-50°	242'	446'	mag,asb	-
31	Amax Exploration Inc.	KX-63-70	9/70	0°	-45°	0'	367'	po,py	-
32	Dalhousie Oil Co. Ltd.	DC-801	6/80	170°	-50°	38'	603'	py,qcv,po calc	-
33	Dominion Gulf Co.	1†	12/49	-	-90°	14'	649'	mag,serp cp,po	-

? - Location unknown
* - Length of overburden down drill hole
xx - No date
** - No drill logs
† - Core stored at Timmins Core Storage Library
•• - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
34	Dominion Gulf Co.	2†	1/50	325°	-45°	73'	609'	mag,po,carb	Ni 25% over 130'
35	" "	3†	1/50	325°	-45°	48'	676'	cp,po,mag serp,carb	Fe,Zn,Ni Ti,Cr,Cu Mn,V,Ag Co,Mo,Zr
36	" "	4	7/50	325°	-45°	143'	143'	Abandoned	-
37	" "	4bt	6/50	145°	-50°	94'	806'	serp,po qcv,asb py,mag	-
38	" "	5†	5/50	0°	-50°	58'	826'	py,serp cp,po mag,asb	-
39	" "	7A	7/50	122°	-50°	165'	603'	py,qcv,q po,cp,asb	
40	" "	10A	2/52	110°	-45°	135'	588'	mag,carb qcv,po	Ni,Cu,Au
41	Falconbridge Nickel Mines Ltd.	2-73	8/73	180°	-50°	116'	430'	-	-
42	Hollinger Consolidated Gold Mines Ltd.	3	6/57	333°	-55°	150'	997'	py,qcv,po	Au,Ag,Ni
43	" "	4	8/57	333°	-55°	250'	353'	-	-

? - Location unknown

** - No drill logs

* - Length of overburden down drill hole

† - Core stored at Timmins Core Storage Library

xx - No date

++ - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
44	International Nickel Co. of Canada Ltd.	40648-0	9/72	30°	-50°	147'	1207'	py,po,cp asb,serp qcv	Ni,Zn,Pm Co,S,Fe Cu
45	" "	40649-0	10/72	30°	-50°	211'	507'	py,po,asb	Ni,Zn,Pm Co,S,Fe Cu
46	" "	40650-0	10/72	0°	-50°	301'	1201'	py,calc cp,serp	Ni,Zn,Pm Co,S,Fe Cu
47	" "	40640-0	6/71	30°	-45°	206'	1192'	serp,sp py,po,cp asb,Cu	-
48	" "	40641-0	8/71	30°	-45°	168'	1200'	py,qcv,po q,serp	-
49	" "	40643-0	9/71	30°	-50°	305'	1005'	py,qcv	-
50	" "	40645-0	10/71	180°	-50°	313'	1203'	py,po,q qcv,asb	-
51	" "	40646-0	7/72	180°	-50°	302'	807'	asb,carb serp	-
52	" "	40647-0	7/72	180°	-50°	282'	1206'	serp,asb	-
53	Lac Minerals Ltd.	CL-5-A	11/85	180°	-45°	156'	627'	qcv,calc py,carb	-

? - Location unknown

** - No drill logs

* - Length of overburden down drill hole

† - Core stored at Timmins Core Storage Library

xx - No date

++ - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
54	Montclerg Mines Ltd.	CSM-1-86†	4/86	169°	-50°	56'	486'	qcv,carb,py cp,sp,asp po	Au
55	" "	CSM-2-86†	4/86	349°	-50°	102'	502'	py,sp, qcv,carb	Au
56	" "	CSM-3-86†	4/86	169°	-50°	89'	452'	py,asp,qcv sp,carb,q mar	Au
57	" "	1	1939	350°	-	57'	595'	-	Au
58	" "	2	1939	350°	-	58'	370'	-	-
59	" "	6	1939	350°	-	40'	389'	-	Au
60	" "	7	1939	350°	-	119'	176'	-	-
61	" "	8	1939	350°	-	77'	421'	-	Au
62	" "	9	1939	350°	-	75'	361'	-	Au
63	" "	10	1939	350°	-	76'	314'	gf	Au
64	" "	11	1939	350°	-	68'	366'	-	Au
65	" "	12	1939	350°	-	59'	460'	-	Au
66	" "	13	1939	10°	-	96'	396'	-	-
67	" "	14	1939	350°	-	92'	558'	q	Au

? - Location unknown

** - No drill logs

* - Length of overburden down drill hole

† - Core stored at Timmins Core Storage Library

xx - No date

++ - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
68	Montclerg Mines Ltd.	16	1939	350°	-	88'	587'	-	Au
69	" "	17	1939	350°	-	97'	834'	qcv	Au
70	" "	18	1939	350°	-	122'	781'	gf	Au
71	" "	19	1939	350°	-	108'	817'	-	Au
72	" "	20	1939	350°	-	117'	814'	-	-
73	" "	21	1939	350°	-	110'	1557'	qcv	Au
74	" "	22	1939	350°	-	129'	162'	-	-
75	" "	25	1939	350°	-	171'	1013'	qcv	-
76	" "	26	1939	350°	-	124'	1969'	py,aerp	Au
77	" "	27	1939	350°	-	86'	982'	qcv,gf	-
78	" "	29	1939	350°	-	157'	881'	-	-
79	" "	30	1939	350°	-	75'	955'	q,gf,qcv	-
80	" "	31	1939	350°	-	72'	1526'	aerp,qcv,gf	-
81	" "	32	1939	170°	-	54'	764'	-	-
82	" "	33	1939	170°	-	148'	638'	calc,gf	-
83	" "	34	1939	170°	-	63'	694'	-	-

? - Location unknown

* - Length of overburden down drill hole

xx - No date

** - No drill logs

† - Core stored at Timmins Core Storage Library

†† - From till heavy mineral concentrates

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden *	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
84	Montclerg Mines Ltd.	35	1941	170°	-	195'	602'	carb	-
85	" "	36	1941	170°	-	113'	802'	qcv,gf	Au
86	" "	37	1941	170°	-	151'	681'	qcv	-
87	" "	39	1941	350°	-	148'	796'	qcv	-
88	" "	42	1941	170°	-	145'	381'	-	-
89	" "	44	1941	170°	-	200'	669'	-	-
90	Selco Exploration Ltd.	Selco 1	7/60	115°	-50°	99'	503'	mag,serp po,asb	-
91	Surveymin Ltd.	CS-83-2	10/83	165°	-50°	129'	830'	py,po,cp,q carb,qcv	-
92	" "	CS-81-1†	7/81	345°	-60°	82'	1027'	carb,gf,py qcv,serp,po	Au
93	W. David Weston	-	7/68	165°	-45°	4'	200'	py,qcv,po,cp	-

? - Location unknown

** - No drill logs

* - Length of overburden down drill hole

† - Core stored at Timmins Core Storage Library

xx - No date

++ - From till heavy mineral concentrates

CLERGUE TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
2	Canadian Aero Mineral Surveys Ltd.	Magnetic	150 ft.	N-S	1/8 mi. (660 ft.)
	Alexo Extension Mines Ltd. "W.R.L. Torrance"	Electromagnetics			
7	H. Ferderber Geophysics	Magnetic	300'	N-S	440 ft.
	Angela Development Ltd.	Electromagnetic	500'		
8	Teraquest Ltd.	Magnetic	328'	N-S	328'
	Avro Salo	Electromagnetic	(100m)		(100m)

GDIF FORM NO. 4

CLERGUE TOWNSHIP

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
17	Humic	Ni,Cu,Zn	Core Laboratories Canada Ltd.	Timmins File T-516

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

Aerial Photographs

Black and White scale 1:1/4 mile
scale 1:1 mile

Landsat Data scale 1:500,000

Band 3 , 9/5/83
Band 4 , 31/2/83
Bands 1+2+4 , 2/10/83
Bands 1+2+4 , 9/5/83

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

Bruneau Mining Corp.
The Northern Miner — May 07, 1987

Consolidated Montclerg
The Northern Miner — Apr 06, 1939

Timmins Daily Press — Feb 05, 1981

Montclerg Resources
The Northern Miner — May 07, 1987

ODM GENERAL INDEX SEARCH

Words searched:

Alexo Nickel Mine
Clergue Township

Index Volume	Listing:	Report Volume	Part	Page
1	Clergue Tp., Tim.			
	Nickel	18	1	23
		19	1	28,42
		21	1	51
		25	1	103
	Prospecting in	19	1	53
2	Clergue Tp., Coch.			
	Asbestos, see Alexo ni. m.			
	Forest fires	28	2	6
	Keewatin rocks	28	2	5,20,22
	Map, Geological, see map 28b with	28	2	
	Nickel	28	2	63
	see also Alexo ni. m.			
	Serpentine, White N.C.			A23
	Alexo Nickel Mine, Clergue and Dundonald tps.			
	Development of area, prospects, N.C.			A23,24
	Historical notes, N.C.			R 55
	Nickel, method of occurrence	28	1	25
	price paid, N.C.			A203
	Operations	26		108
		27	1	114
		28	1	131
	N.C.			R86
	Ore, cross sections N.C.			R228,230
	notes by Baker N.C.			R229,232
	shipments	28	2	63
	value	27	1	207
		28	2	63.64
	Palladium	28	2	63
	Platinum N.C.			R485
	Production (1916)	26		23,28
	N.C.			R497
	(1917)	27	1	25
	(1918)	28	1	22
	(1919)	29	1	18
	Pyrrhotite, nickel liferous, S.W. of	28	2	64
	Report by M.B. Baker	26		258-264
	Rocks	29	1	229
	formations N.C.			R239
	lava	28	2	22
	analysis	26		260
	map showing N.C.			R231
	see also map 28b with	28	2	
	Peridotite analysis	26		262
	Serpentine as an ore bringer	28	2	31

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
3	Clergue Tp., Coch.			
	Nickel-copper mg.			
	see Alexo ni. m.			
	Alexo Nickel Mine			
	Operations (1912-1918)	46	1	222
	Optioned to Ont. Nickel Corp.	47	1	239
	Production	43	2	6
	Reopened by Cuniptau Mines	46	1	33,223
4	Clergue Tp., Coch.			
	Nickel-copper m.g.	53	1	185
		110	2	54
7	Clergue Tp., Coch.			
	Asbestos			
	Exploration for	IMR 1		15
	Occurrences	IMR 1		6
8	Clergue Tp., Coch.			
	see also - Clergue & Dundonald Tps., Coch.			
	Asbestos	IMR036		55
	Gold	MRC013		51
	Gravity Survey of Tim-Math-Cobalt areas	GR127		
	Summary of Field Work (magnetic) 1972 by J.A. McCance	MP053		98-103
9	Clergue Tp., Coch.			
	Gravity Survey of Timmins-Matheson area	GR135		

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Ayers, L.D. Lumbers, S.B. Milne, V.G. Robeson, D.W.	1970	Ontario Geological Map	ODMNA Map 2196	1:1 013 760
Ayers, L.D. Lumbers, S.B. Milne, V.G. Robeson, D.W.	1971	Ontario Geological Map, East Central Sheet	ODMNA Map 2198	1:1 013 760
Boissoneau, A.N.	1965	Algoma-Cochrane Surficial Geology, Ontario	ODL & F Map S365	1:506 880
Boissoneau, A.N.	1965	Algoma, Sudbury, Timiskaming and Nipissing Surficial Geology	ODL & F Map S465	1:506 880
Card, K.D. Sanford, B.V.	1983	Geology of the Timmins Map Sheet (NM-17)	GSC OF 956	1:1 000 000
Easton, R.M.	1986	Geochronology Compilation Map for Ontario: Sheet 1: East-Central Ontario, All Isotopic Systems	OGS Map P.2842	1:1 013 760
Ginn, R.M.	1964	Timmins-Kirkland Lake Sheet, Cochrane, Sudbury and Timiskaming Dists., Ont. Geol. Compilation Series	ODM Map 2046	1:253 440
Gordon, J.B.	1977	Gold Deposits of Ontario, East Central Sheet	OGS Map P.1228	1:1 013 760
Gordon, J.B.	1980	Vein Silver Deposits of Ontario, East Central Sheet	OGS Map P.2300	1:1 013 760
Guillet, G.R.	1977	Clay and Shale Deposits of Ontario	OGS Map 2358 (MDC 15)	1:200 000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Jost, M.	1977	Nickel Deposits of Ontario, East Central Sheet	OGS Map P.1062	1:1 013 760
Lumbers, S.B. Milne, V.G.	1979	Ontario Geological Map, Explanatory Text, Legend and Diagrams of Major Lithologies, Structures and Zones of Metamorphism	OGS Map 2391	1:1 013 760
Lumbers, S.B. Milne, V.G.	1979	Ontario Geological Map, East Central Sheet	OGS Map 2393	1:1 013 760
McCrank, G.F. Brown, P.A. Misiura, J.D.	1980	Plutonic Rocks in Ontario, with map	GSC OFR 706	
MERQ-OGS	1984	Lithostratigraphic Map of the Abitibi Subprovince	OGS Map 2484 Que Map DV83-16	1:500 000
Meyn, H.D. Howarth, J.R.	1977	Molybdenum Deposits of Ontario, East Central Sheet	OGS Map P.1246	1:1 013 760
Meyn, H.D. Robertson, J.A.	1975	Iron Deposits of Ontario, East Central Sheet, Districts of Thunder Bay, Algoma, Cochrane, Sudbury, Timiskaming and Nipissing	ODM Map P.1043	1:1 013 760
Ministry of Natural Resources	1985	Ontario Mineral Map	ODM Map 2472	1:1 584 000
Minnes, D.G. Masham, J.S. Scott, D.W. Vos, M.A. & Yundt, S.E.	1983	Industrial Minerals of Ontario	OGS Map P.2591	1:1 500 000
ODM	1969	Mining Divisions and Resident Geologists Districts	ODM Map 2189	1:1 584 000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
ODM	1974	Ontario Mineral Map	ODM Map 2310	1:1 584 000
ODM	1977	Ontario Geology and Principal Minerals	ODM Map 2389 (Rev.)	1:4 224 000
ODMNA	1971	Ontario Geology and Principal Mineral Collecting Localities, Discover Ontario	ODMNA Map 2211	1:4 224 000
OGS	1986	Geological Highway Map, Northern Ontario	OGS Map 2560	1:1 600 000
Pyke, D.R., Ayres,L.D. Innes, D.G.	1973	Timmins - Kirkland Lake, Geological Compilation Series, Cochrane, Sudbury and Timiskaming-Districts	ODM Map 2205	1:253 440
Robertson, J.A.	1976	Mineral Potential Map of Ontario, East Central Sheet	ODM Map P.1099	1:1 013 760
Robertson, J.A.	1982	Uranium and Thorium Deposits of Ontario, East Central Sheet, NTS 31/NW, 32/W, 41/N, 42	OGS Map P.2426	1:1 013 760
Springer, J.	1977	Ontario Mineral Potential, Timmins Sheet and Part of Noranda-Rouyn Sheet, Districts of Sudbury, Timiskaming and Cochrane	OGS Map P.1517	1:250 000
		GEOPHYSICAL MAPS		
Data Plotting Services Inc.	1984	Matheson-Black River Area (BRIM) Magnetic Survey Total Field, based on Airborne Electromagnetic and Total Intensity Magnetic Survey, Matheson-Black River Area, by Questor Surveys Ltd. for the OGS. (1984)	MNDM Resident Geologist's Office, Kirkland Lake, Ontario	1:80 000

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Author	Date	Title	Reference	Map Scales and/or Report Pages
Data Plotting Services Inc.	1985	Matheson-Black River Area (BRIM) Airborne Magnetic Survey Second Vertical Derivative based on Airborne Electromagnetic and Total Intensity Magnetic Survey, Matheson-Black River Area, by Questor Surveys Ltd. for the OGS. (1984)	MNDM Resident Geologist's Office, Kirkland Lake, Ontario	1:100 000
Dighem Surveys and Processing Inc.	1986	"Enhanced Shadow" Magnetics, Black River-Matheson Area (BRIM) based on Airborne Electromagnetic and Total Intensity Magnetic Survey, Matheson-Black River Area, by Questor Surveys Ltd. for the OGS. (1984)	MNDM Resident Geologist's Office, Kirkland Lake, Ontario	1:100 000
GSC	1970	Porquis Junction, Cochrane District Aeromagnetic Series	GSC Map 297G (Rev.)	1:63 360
GSC	1970	Timmins, Cochrane, Timiskaming and Sudbury Districts, Ontario, Total Field Contour Map	GSC Map 7085G	1:250 000
GSC	1970	Porquis Junction, Cochrane District Aeromagnetic Series	GSC Map 8439G	1:31 680
GSC	1970	Porquis Junction, Cochrane District Aeromagnetic Series	GSC Map 8444G	1:31 680
McCance, J.A.	1974	Ground Vertical Component Magnetics, Clergue Township, District of Cochrane	ODM Map P.943	1:15 840
ODMNA	1974	Aeromagnetic Index of Ontario	ODMNA Map 2229	1:1 900 800
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Total Count, Timmins, NTS 42A	OGS Map 80 280 GSC Map 35142G	1:250 000

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Author	Date	Title	Reference	Map Scales and/or Report Pages
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Potassium (percent), Timmins NTS 42A	OGS Map 80 281 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Uranium (eU), Timmins, NTS 42A	OGS Map 80 282 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Thorium (eTh), Timmins, NTS 42A	OGS Map 80 283 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric eU/Th Ratio, Timmins, NTS 42A	OGS Map 80 284 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric eU/K Ratio, Timmins, NTS 42A	OGS Map 80 285 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric eTh/K Ratio, Timmins, NTS 42A	OGS Map 80 286 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Profiles of Integral U, K, Th, U/Th, U/K, Th/K for line 51 (1), Timmins, NTS 42A	OGS Map 80 306 GSC Map 35142G	1:250 000
OGS-GSC	1979	Airborne Gamma-Ray Spectrometric Profiles of Integral U, K, Th, U/Th, U/K, Th/K for line 52 (1), Timmins, NTS 42A	OGS Map 80 307 GSC Map 35142G	1:250 000
		GEOLOGICAL MAPS AND REPORTS		
Averill, S.A. MacNeil, K.A. Huneault, R.G. Baker, C.L.	1986	Rotasonic Drilling Operations (1984) and Overburden Heavy Mineral Studies, Matheson Area, District of Cochrane	OGS OFR 5569	61p.

GDIF FORM NO.9

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Author	Date	Title	Reference	Map Scales and/or Report Pages
Baker, C.L.	1985	Overburden Stratigraphy of the Matheson Area: Advancing Thoughts on Ice Fronts (Abstract)	OGS Geo.Sci. Seminar & Open House '85	p.9
Baker, C.L. Steele, K.G.	1984	Sonic Drilling-Exploration Basics in the Matheson Area (Abstract)	OGS Geo. Sci. Seminar & Open House '85	p.23
Baker, C.L. Steele, K.G. Fortescue, J.A.C.	1984	Reconnaissance Till Sampling Program in the Matheson Area, District of Cochrane	OGS MP 119	p.295-298
Baker, C.L. Steele, K.G. McClenaghan, M.B.	1986	Gold Grains in Sonic Drill Core Samples (1985) from the Lake Abitibi-Matheson Area, District of Cochrane	OGS Map P.2958	1:100 000
Baker, M.B.	1917	Alexo Nickel Mine, Dundonald and Clergue Townships, Timiskaming District	OBM AR v.26	p.258-274
Barlow, R.B. Pitcher, D.H.	1984	An Airborne Electromagnetic-Magnetic Survey of the Black River-Matheson (BRIM) Area, District of Cochrane	OGS MP 119	p.287-289
Barnes, S. Gorton, M.P. Naldrett, A.J.	1981	Platinum Group Elements in Abitibi Komatiites Associated with Nickel Sulphide Deposits	OGS MP 98	p.1-11
Bath, A.C.	1985	Black River-Matheson Economic Geologist Program	OGS MP 126	p.301-311
Bath, A.C.	1985	Black River-Matheson Economic Geologist Program (Abstract)	OGS Geo. Sci. Seminar & Open House '85	p.8

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Author	Date	Title	Reference	Map Scales and/or Report Pages
Bath, A.C.	1986	Black River-Matheson Economic Geologist Program	OGS MP 132	p.421-430
Bossonneau, A.N.	1965	Algoma-Cochrane, Surficial Geology	ODLF Map S365	1:506 880
Bright, E.G.	1979	1969 Report of the Timmins Resident Geologist	ODM MP 25	p.17-41
Bright, E.G.	1973	1972 Report of the Timmins Resident Geologist	ODM MP 54	p.159-180
Bright, E.G.	1974	1973 Report of the Timmins Resident Geologist	ODM MP 57	p.167-183
Carlson, H.D.	1965	Clergue Township, District of Cochrane, Ontario	ODM Map P.308	1:15 840
Coleman, A.P.	1909	A New Nickel Area	OBM AR v.18	p.23-24
Ferguson, S.A.	1971	Gold Deposits of Ontario	ODM Min. Res. Circ. 13, pt.1	315p.
Fortescue, J.A.C.	1984	Summary of Activities 1984, BRIM Program	OGS MP 119	p.274-277
Gibson, T.W.	1909	Statistical Review	OBM AR v.18, pt.1	p.5-78
Gibson, T.W.	1910	Statistical Review	OBM AR v.19, pt.1	p.5-56
Gibson, T.W.	1912	Statistical Review	OBM AR v.21, pt.1	p.5-54
Gibson, T.W.	1913	Statistical Review	OBM AR v.22, pt.1	p.5-61
Gibson, T.W.	1914	Statistical Review of Mineral Industry of Ontario for 1913	OBM AR v.23, pt.1	p.1-51

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Author	Date	Title	Reference	Map Scales and/or Report Pages
Ginn, R.M. Fenwick, K.F.	1962	Iroquois Falls-Lake Abitibi Sheet, District of Cochrane	ODM Map P.140	1:126 720
Ginn, R.M. Carlson, H.D.	1965	Clergue Township, District of Cochrane	ODM Map P.308	1:15 840
Ginn, R.M. Leahy, E.J.	1961	Hanna-Coulson Sheet, District of Cochrane	ODM Map P.132	1:63 360
GSC	1981	Magnetic Anomaly Map, Timiskaming-Kapuskasing Region	GSC Map 1563A	1:1 000 000
Guillet, R.	1969	Ontario Marl Deposits	ODM Map 2183	1:1 013 760
Hewitt, D.F. Satterly, J.	1953	Asbestos in Ontario	ODM Indust. Min. Circ. 1	
Hewitt, D.F. Vos, M.A.	1972	Ontario Limestone Quarries, 1971	ODM Map 2264 (Rev.)	1:1 013 760
Hodgson, C.J.	1983	Preliminary Report on the Timmins-Kirkland Lake Area Gold Deposits File	OGS OFR 5467	434p.
Hopkins, P.E.	1918	Notes on Lake Abitibi Area, Cochrane District	OBM AR 27 pt.1	p.200-214
Hughes, O.L.	1959	Surficial Geology of Iroquois Falls, Cochrane District	GSC Map 46-1959	1" =2mi
Hunt, D.S. Richard, J.A. Carey, E.R.	1980	Clergue Township, District of Cochrane	OGS Map P.2335	1:15 840

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Author	Date	Title	Reference	Map Scales and/or Report Pages
Hurst, M.E.	1943	Abitibi-Timiskaming Area, Districts of Cochrane and Timiskaming	ODM Map 1934A	1:126 720
Jensen, L.S.	1985	Geological Overview of the BRIM Area (Abstract)	OGS Geo. Sci. Seminar & Open House '85	p.6
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Jensen, L.S. Langford, F.F.	1983	Geology and Petrogenesis of the Archean Abitibi Belt in the Kirkland Lake Area, Ontario	OGS OFR 5455	520p.
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GDIF FORM NO.9

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Author	Date	Title	Reference	Map Scales and/or Report Pages
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OGS	1986	Sonic Drillhole 85-04, Clergue Township, Cochrane District	OGS Map 80 848	1:100 000
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GDIF FORM NO.9

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GDIF FORM NO.8

NOTES AND ADDENDA

GDIF FORM NO.10

Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 400

(Map 1 of 3)

CLERGUE TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

81°49' 00"

48°42' 00"

81°42' 00"

48°38' 00"

EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined. See listing in text pages.

Small area exploration.

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 400

(Map 1 of 3)

CLERGUE TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

81°45'00"

48°42'00"

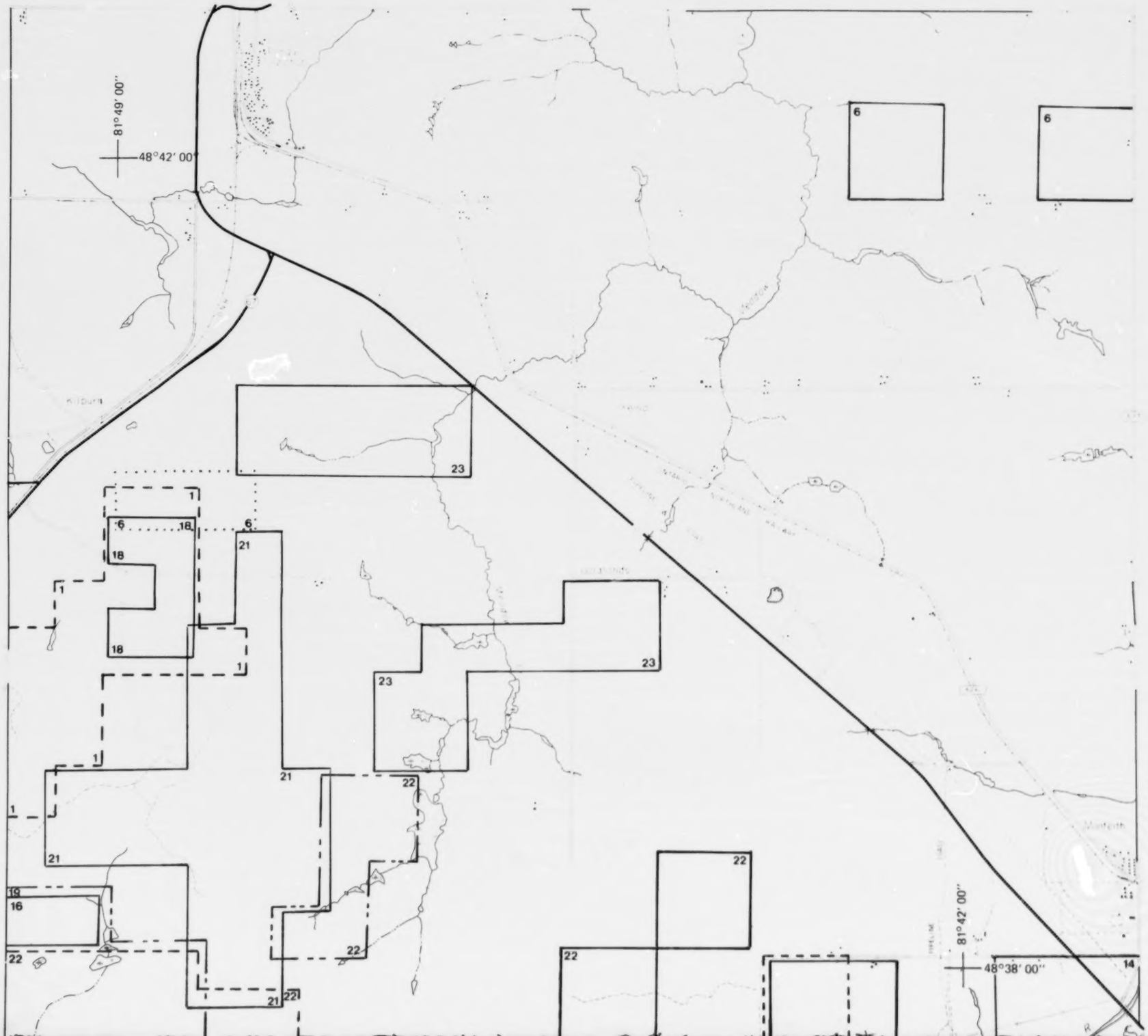
81°42'00"

48°38'00"

Kilburn

EXPLORATION DATA FILE AREAS

- ■ ① ⑥ — Reference number is always inside work area outlined. See listing in text pages.
- ■ x ④ — Small area exploration.
- □ ★ — File covers entire township or area



Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 400

(Map 2 of 3)

CLERGUE TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

Reference number is always inside work area outlined. See listing in text pages.

Small area exploration.

GEOLOGICAL DATA INVENTORY FOLIO 400

(Map 2 of 3)

CLERGUE TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

EXPLORATION DATA FILE AREAS

- ① ⑥ Reference number is always inside work area outlined. See listing in text pages.
- x ④ Small area exploration.
- ★ File covers entire township or area

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

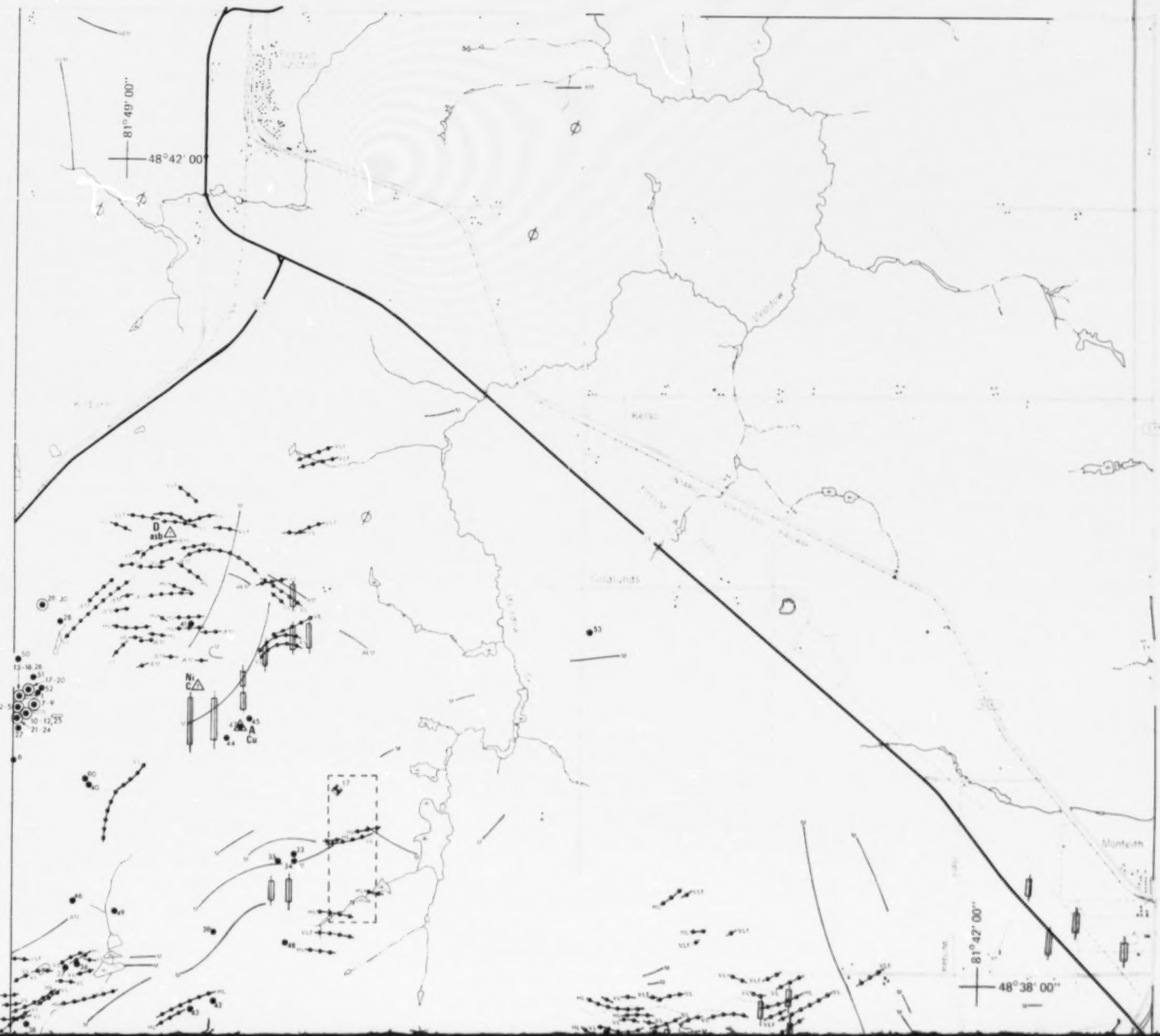
- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horzontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly
- SP — Self potential anomaly
- AFMAG — Audio-frequency magnetic anomaly
  (total intensity)
- R — Resistivity anomaly
- GR — Gravity anomaly
- AEM — Airborne Electromagnetic Anomaly
  conductor axis

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit



Ministry of Northern Development and Mines

Ontario

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 400

(Map 3 of 3)

CLERGUE TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter
- cp A. 2 — Mineral occurence in drillhole, with reference letter, and drillhole number

DRILLHOLE

- ●² — Location of single drillhole, with reference number
- ◉² — Location of closely spaced group of drillholes, with reference number
- ?² — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- ○² — Property with drillholes which have not been plotted on map, with reference number
- ⊕² — Reverse circulation drillhole; churn drilling, with reference

Age dating material sampling site, with reference number

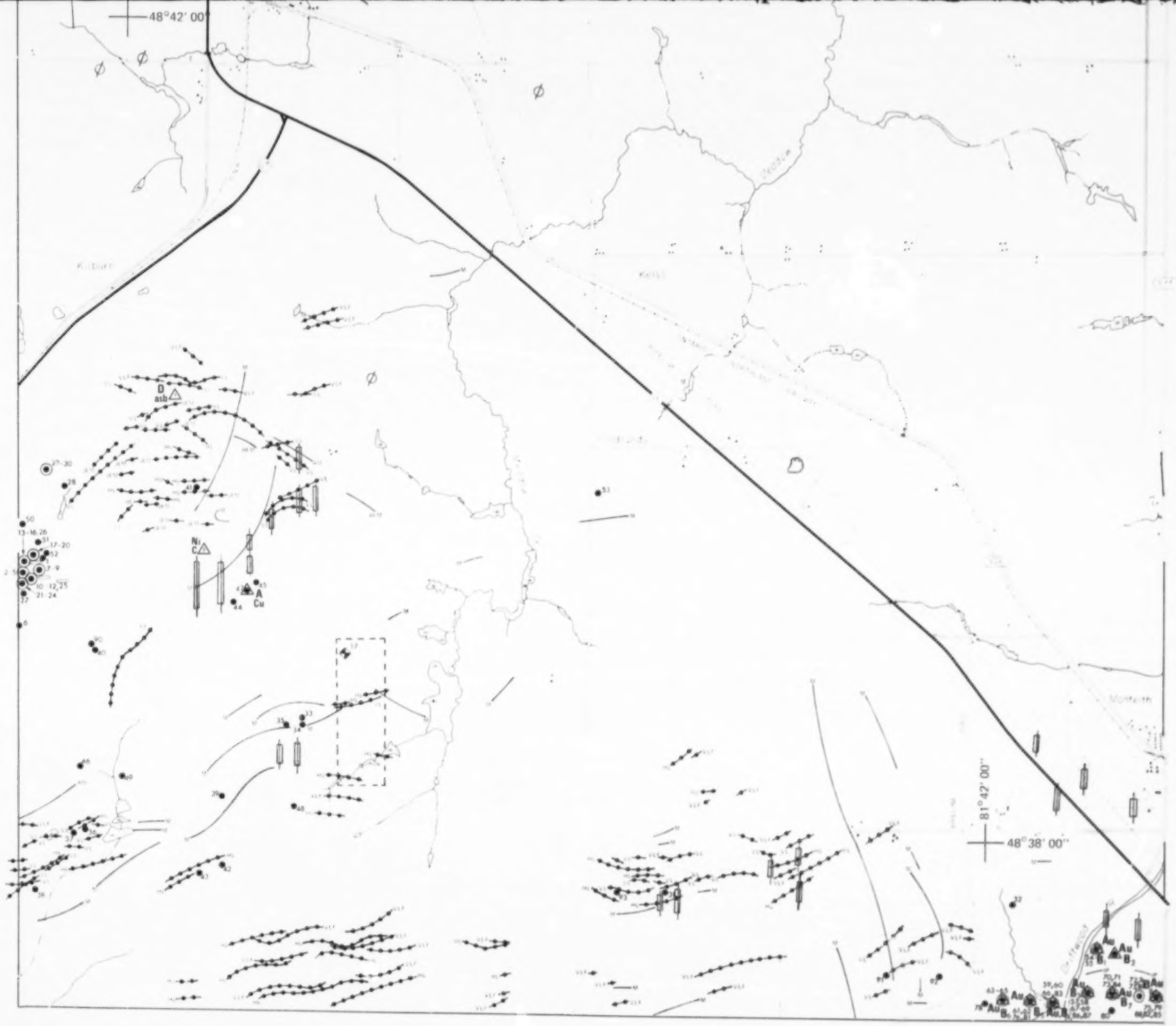
GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horzontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16)
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly
  (total intensity)
- Resistivity anomaly
- Gravity anomaly
- Airborne Electromagnetic Anomaly
  conductor axis

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 400

(Map 3 of 3)

CLERGUE TOWNSHIP

DISTRICT OF COCHRANE

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

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DRILLHOLE

- Location of single drillhole, with reference number
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